

AMENDMENTS TO SPECIFICATION

Replace the paragraphs beginning on page 8, lines 2-8, with the following:

~~Fig. 2 is a diagram~~ Figs. 2(a) and 2(b) are diagrams representing the spectrum of a correlative intensity image;

~~Fig. 3 is a~~ Figs. 3(a) through 3(c) are schematic [[view]] views showing polar coordinate conversion;

~~Fig. 4 is a drawing~~ Figs. 4(a) through 4(c) illustrate an example of polar coordinate conversion where a point on the contour of an image on the X-Y plane is used as an origin;

Replace the paragraphs beginning on page 8, line 19, through page 9, line 2, with the following:

~~Fig. 10 is an~~ Figs. 10(a) through 10(c) are explanatory ~~diagram~~ diagrams representing an example of image search processing;

~~Fig. 11 is an~~ Figs. 11(a) through 11(c) are explanatory ~~diagram~~ diagrams representing an example of searching the same object as the reference image in the field of view for the sample;

~~Fig. 12 is an~~ Figs. 12(a) through 12(d) are explanatory diagram diagrams representing an example of processing wherein an object having the same profile as that of the specified object is searched in the field of view for the sample;

Replace the paragraphs beginning on page 9, lines 5-11, with the following:

~~Fig. 14 is a diagram~~ Figs. 14(a) and 14(b) are diagrams representing a transmission image where the origin for polar coordinate conversion is indicated; and

~~Fig. 15 is a diagram~~ Figs. 15(a) and 15(b) are diagrams representing a transmission image where the origin for polar coordinate conversion is indicated on the image having been subjected to binarization.